

August 24, 2015

Kevin Turner

On-Scene Coordinator

USEPA Emergency Response

8588 Rt. 148

Marion, IL 62959

RE: Monthly Progress Report No. 20 (August 2015)

Chemetco – Hartford, IL 62048

Dear Mr. Turner

This monthly progress report is submitted by Paradigm Minerals & Environmental Services to satisfy the requirements of the Consent Decree [Case 3:00-cv-00670-DRH-DGW Document 209 approved on 9/13/13](#) to provide U.S. EPA with a monthly progress report about the ongoing activities at the former Chemetco Site in Hartford, IL.

1. Actions Taken During the previous Month to Comply with Consent Decree
 - Processed and sold 5,713.15 MT of material in July to DJL Mining.
2. Summary of Data Received during the Reporting Period:
 - Storm water Outfall #5 data can be found on Illinois EPA Netdmr website.
 - Air monitoring data is available on the drop box link from Aton.
3. Work Plans and other Deliverables Submitted during the Reporting Period:
 - Nothing to report at this time.
4. Activities Planned for the Next Reporting Period:
 - **Metallic Separation Plant-**
 1. Improvements to the plant are being finalized. When the plant is back on line we will calibrate the system and evaluate the quality of material for buyer approval. Once quality is approved we will ramp up operations for processing and shipping.
 2. Ameren Power is completed and generators have been removed.
 3. Still waiting on Ameren to rerouting the low power lines.

4. We have decided to use rock to improve the Old Altenburg Road to handle the truck traffic. Improvements will be made prior to use.
 5. We are working with the City of Hartford to get city water to the site. Should have proposal shortly.
 6. We will begin demolition of the DIS building once the slag processing plant is back on line.
 7. Continue cleaning debris from around site to esthetically improve the site.
 - **Zinc Bunker**-Continue drying and shipping material.
 - **Fugitive Dust**
 1. **Air Monitoring System**- Continue operating with the air monitoring system in place and have posted the information to a website for EPA access.
 2. **Dust Suppression**- We have acquired a self-contained sweeper attachment for a wheel loader and will be self-performing the cleaning of the concrete pad around the property to assist with fugitive dust.
 3. **Water Misting Systems**- We are getting bids on a water misting truck and are in the process of acquiring a water spray truck for ongoing operations at the site. In the mean time we have been using water pumps to spray and a front end loader to move water around the site to keep the dust down.
5. Problems Encountered, Anticipated Problems and Planned Resolutions of Past or Anticipated Problems:
- Nothing to report at this time.
6. Modifications to Approved Work Plans or Schedules:
- Actively moving the Zinc Bunker material.
 - Metallic Separation Plant has been shut down for the past couple weeks to make modifications for additional crushing and screening improvements and should be in full swing soon. As process is refined and production volume increases additional shifts may be added.
7. Summary off -site Shipments-
- 4,522.734 MT DJL Zinc Bunker Material in July.
 - 109,830 lbs of scrap steel were sent to Grossman.
 - As of 7/31/2015 the grand total of Slag and Zinc Bunker Material shipped to DJL Mining in 2015 is 31,055.615 metric tons
8. Health and Safety
- All Purpose Steel added 3 new employee and conducted new employee orientation.

- All employees are current on Hazwoper Certification.
- Prepared an employee training matrix to track employee skill levels and certifications.
- Fire Extinguishers have all be tested and replaced as needed.
- Contracted with Safety Kleen to remove waste oil. All full drums have been labeled and moved to containment area for pick up.
- Continue safeguarding measures around plant with guard rails and catwalks.
- A hazardous waste roll off consisting of debris from PPE, plastic, air filtration socks has been profiled and approved to Heritage environmental in Indianapolis for shipment.

If you have any questions regarding this progress report, please feel free to call me at (314) 409-7283

Regards,

Steve Zuber

Paradigm Minerals & Environmental Services

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